Docket: T3497-908524

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

J. Claude CACI

: Examiner:

Serial No.: (To be assigned)

: Group Art Unit:

Filed: October 29, 2003

For:

COOPERATIVE ELEMENT LOCATION **SYSTEM**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, it is requested that the references listed on the attached Form PTO-1449 be made of record in the above-identified application.

The Commissioner is hereby authorized to charge fees which may be required now or hereafter, or credit any overpayment, to Deposit Account No. 50-1165. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Reg. No. 45,306

Miles & Stockbridge P.C. 1751 Pinnacle Drive Suite 500 McLean, Virginia 22102-3833 (703) 903-9000

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitu	ite for form 1449A/PTC)		Complete if Known		
		D 14		Application Number	(To be assigned)	
INF	ORMATION	DI	SCLOSURE	Filing Date	October 29, 2003	
STA	ATEMENT B	YA	APPLICANT	First Named Inventor	J. Claude Caci	
				Art Unit	(To be assigned)	
	(use as many shee	ets as	s necessary)	Examiner Name	(To be assigned)	
Sheet	Sheet 1 of 3		Attorney Docket Number	T3497-908524		

			U.S. PAT	ENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 5,432,841	07-11-1995	Rimer	
		US- 5,701,328	12-23-1997	Schuchman et al.	
		US- 5,758,288	05-26-1998	Dunn et al.	
		US- 5,767,788	06-16-1998	Ness	
		US- 5,815,814	09-29-1998	Dennison et al.	
		US- 5,873,040	02-16-1999	Dunn et al.	
		US- 5,945,919	08-31-1999	Trask	
		US- 6,026,304	02-15-2000	Hilsenrath et al.	
		US- 6,031,490	02-29-2000	Forssen et al.	
		US- 6,083,248	07-04-2000	Thompson	
		US- 6,084,547	07-04-2000	Sanderford et al.	
		US- 6,112,095	08-29-2000	Wax et al.	
		US- 6,141,558	10-31-2000	Chen	
		US- 6,236,365 B1	05-22-2001	LeBlanc et al.	
		US- 6,240,365 B1	05-29-2001	Bunn	
		US- 6,249,252 B1	06-19-2001	Dupray	
		US- 6,288,676 B1	09-11-2001	Maloney	
		US- 6,329,904 B1	12-11-2001	Lamb	
		US- 5,631,642	05-20-1997	Brockelsby et al.	
		US- 6,421,009 B2	07-16-2002	Suprunov	

				FOR	EIGN PATENT DOC	UMENTS		
Examiner	Cite		oreign Patent Do	cument	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
Initials	No.1	Office ³	Number ⁴	Kind ⁵ (if known)				T ⁶
					·			
					<u> </u>			1

Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitu	ite for form 1449A/PTO			Complete if Known			
			201 001105	Application Number	(To be assigned)		
INF	ORMATION	DI	SCLOSURE	Filing Date	October 29, 2003		
STA	TEMENT B	YA	PPLICANT	First Named Inventor	J. Claude Caci		
				Art Unit	(To be assigned)		
	(use as many shee	ts as	s necessary)	Examiner Name	(To be assigned)		
Sheet	2	of	3	Attorney Docket Number	T3497-908524		

			U.S. PAT	ENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number 2 Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 2001/0018639 A1	08-30-2001	Bunn	
		US- 2001/0036833 A1	11-01-2001	Koshima et al.	
		US- 2002/0005804 A1	01-17-2002	Suprunov	
		US- 2002/0027512 A1	03-07-2002	Horita et al.	
		US- 2002/0122003 A1	09-05-2002	Patwari et al.	
		US-			

				FOR	EIGN PATENT DOC	UMENTS		
Evaminer	Examiner Cite Initials* No.1	Foreign Patent Document			Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Initials*		Office ³ Number ⁴ Kinc (if kno		Kind ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	Τę
								Ш
								Ш
								Ш
		 						Ш

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Examiner

Signature

Date

Considered

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO				Complete if Known			
				Application Number	(To be assigned)		
INFO	DRMATION	1 D	ISCLOSURE	Filing Date	October 29, 2003		
STA	TEMENT F	3 Y	APPLICANT	First Named Inventor	J. Claude Caci		
U 17			/ (1 1 210/ ((1)	Art Unit	(To be assigned)		
<u> </u>	(use as many s	heet	s as necessary)	Examiner Name	(To be assigned)		
Sheet	3	of	3	Attorney Docket Number	T3497-908524		

	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS								
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²						
		Ian LACY et al.,"Will Location-based Services Be the Next Golden Child?", Location, Location, Kellogg TechVenture 2001 - Location Based Services, April 15, 2001							
		"EMS Communications Policy Manual", Montgomery County, Pennsylvania, Department of Public Safety, Division of Emergency Medical Services, Montgomery County EMS Communications Manual, September 2002.							
		"Aircraft Rescue and Firefighting Communications", Advisory Circular, U.S. Department of Transportation, Federal Aviation Administration, July 1, 1999.							
		Tomi SARVANKO, "Positioning Standards E911, E112 and UMTS"							
		"Wireless Evolution"							
·									
		•							
Examiner Signature		Date Considered							

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.